

What is Claimed Is:

1. A power distribution system comprising:
 - a junction box comprising a plurality of walls attached so as to define a cavity and at least one opening formed in at least one wall and extending there through;
 - a first set of wires extending into the junction box through the at least one opening;
 - a hub mounted in the cavity of the junction box comprising a means of mechanically and conductively attaching the first set of conductive wires thereto wherein the hub further comprises at least one slot and a plurality of first conductive paths capable of transmitting electricity between the at least one slot and individual wires of the first set of wires; and
 - a junction device capable of being slidably attached to the junction box wherein the junction device further comprises at least one post capable of being positioned within the at least one slot of the hub to thereby allow electricity to flow between the junction device and individual wires in the first set of wires.
2. The power distribution system of Claim 1, wherein the junction device comprises a switch.
3. The power distribution system of Claim 1, wherein the junction device comprises an outlet.
4. The power distribution system of Claim 1, further comprising a cover plate attached to the junction device via interference there between.
5. The power distribution system of Claim 1, wherein the junction device further comprises an integrally-attached cover plate.
6. The power distribution system of Claim 1, wherein the hub further includes a plurality of springs that bias each of the first set of wires against a conductive surface

on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

7. The power distribution system of Claim 1, wherein the hub further includes a plurality of set screws that compress each of the first set of wires against a conductive surface on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

8. The power distribution system of Claim 1, wherein the hub further includes a plurality of loop screws that compress each of the first set of wires against a conductive surface on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

9. The power distribution system of Claim 1, further comprising a plurality of color coding patches that correspond to individual wires in the first set of wires, wherein the plurality of color coding patches is arranged so as to indicate proper wiring of a pre-determined circuit design.

10. The power distribution system of Claim 1, further comprising a plurality of letters that correspond to individual wires in the first set of wires, wherein the plurality of letters is arranged so as to indicate proper wiring of a pre-determined circuit design.

11. The power distribution system of Claim 1, wherein the at least one post is arranged in an arcuate configuration.

12. The power distribution system of Claim 1, wherein the at least one post is arranged in a conventional duplex configuration.

13. The power distribution system of Claim 1, wherein the hub further comprises a means of mechanically and conductively attaching a second set of conductive wires thereto, wherein the hub further comprises a plurality of

second conductive paths capable of forming an electric circuit between individual wires of the second set of wires, such that the electric circuit is electrically isolated from the junction device.

14. The power distribution system of Claim 13, wherein the hub further comprises a first area and a second area, wherein the first area is visually distinguishable from the second area, and wherein the first area corresponds to the first set of wires and the second area corresponds to the second set of wires, so as to visually distinguish the first set of wires from the second set of wires.

15. The power distribution system of Claim 14, wherein the first area is distinguishable from the second area because the first and second areas are colored differently.

16. The power distribution system of Claim 14, wherein the first area is distinguishable from the second area because of a distinguishing symbol located on the hub.

17. The power distribution system of Claim 1, further comprising at least one wiring schematic that corresponds with at least one of the first conductive paths, so as to visually indicate the orientation of the at least one first conductive path.

18. The power distribution system of Claim 13, further comprising at least one wiring schematic that corresponds with at least one of the second conductive paths, so as to visually indicate the orientation of the at least one second conductive path.

19. The power distribution system of Claim 1, further comprising a writing surface upon which a user may make markings.

20. A power distribution system comprising:

a junction box comprising a plurality of walls, wherein the walls are attached and arranged so as to define a cavity that defines a front opening and a back opening, wherein the junction box further

comprises at least one hole formed in at least one wall and extending there through;

a first set of conductive wires extending through the at least one hole of the junction box;

a hub mounted in the cavity of the junction box comprising a means of conductively attaching each of the first set of wires thereto wherein the hub further comprises plural slots and a plurality of first conductive paths capable of transmitting electricity between the plural slots and individual wires in the first set of wires; and

a junction device attached to the junction box, wherein the junction device further comprises plural posts capable of being positioned within plural slots of the hub to thereby allow electricity to flow between the junction device and individual wires in the first set of wires, wherein the junction device further comprises a cover plate that is integrally attached to the junction device such that the front opening of the junction box is substantially covered by the cover plate when the junction device is attached to the junction box.

21. The power distribution system of Claim 20, wherein the junction device comprises a switch.

22. The power distribution system of Claim 20, wherein the junction device comprises an outlet.

23. The power distribution system of Claim 20, wherein the junction device is attached to the junction box via interference there between.

24. The power distribution system of Claim 20, wherein the hub further comprises a plurality of springs that bias each of the first set of wires against a conductive surface on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

25. The power distribution system of Claim 20, wherein the hub further comprises a plurality of set screws that compress each of the first set of wires against a conductive surface on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

26. The power distribution system of Claim 20, wherein the hub further comprises a plurality of loop screws that compress each of the first set of wires against a conductive surface on the hub to thereby mechanically and conductively attach each of the first set of wires to the hub.

27. The power distribution system of Claim 20, further comprising a plurality of color coding patches that correspond to individual wires in the first set of wires, wherein the plurality of color coding patches is arranged so as to indicate proper wiring of a pre-determined circuit design.

28. The power distribution system of Claim 20, further comprising indicia letters that correspond to the wires, wherein the indicia letters are arranged so as to indicate proper wiring of a pre-determined circuit design.

29. The power distribution system of Claim 20, wherein the at least one post is arranged in an arcuate configuration.

30. The power distribution system of Claim 20, wherein the at least one post is arranged in a duplex configuration.

31. The power distribution system of Claim 20, wherein the hub further comprises a means of mechanically and conductively attaching a second set of conductive wires thereto, wherein the hub further comprises a plurality of second conductive paths capable of forming an electric circuit between individual wires of the second set of

wires, such that the electric circuit is electrically isolated from the junction device.

32. The power distribution system of Claim 31, wherein the hub further comprises a first area and a second area, wherein the first area is visually distinguishable from the second area, and wherein the first area corresponds to the first set of wires and the second area corresponds to the second set of wires, so as to visually distinguish the first set of wires from the second set of wires.

33. The power distribution system of Claim 32, wherein the first area is distinguishable from the second area because the first and second areas are colored differently.

34. The power distribution system of Claim 32, wherein the first area is distinguishable from the second area because of a distinguishing symbol located on the hub.

35. The power distribution system of Claim 20, further comprising at least one wiring schematic that corresponds with at least one of the first conductive paths, so as to visually indicate the orientation of the at least one first conductive path.

36. The power distribution system of Claim 31, further comprising at least wiring schematic that corresponds with at least one of the second conductive paths, so as to visually indicate the orientation of the at least one second conductive path.

37. The power distribution system of Claim 20, further comprising a writing surface upon which a user may make markings.

38. A power distribution system, comprising:

- a junction box comprising a plurality of walls attached so as to define a cavity and at least one opening formed in the walls extending there through;

- a first set of wires extending into the cavity of the junction box through the at least one opening;

- a second set of wires extending into the cavity

of the junction box through the at least one opening;

a hub mounted in the cavity of the junction box comprising a means of mechanically and conductively attaching the first and second set of conductive wires thereto, wherein the hub further comprises at least one slot and a plurality of first conductive paths capable of transmitting electricity between the at least one slot and individual wires of the first set of wires, and wherein the hub further comprises a plurality of second conductive paths capable of forming an electric circuit between individual wires of the second set of wires, such that the electric circuit is electrically isolated from the first set of wires; and

a junction device comprising at least one post capable of being positioned within the at least one slot of the hub to thereby allow electricity to flow between the junction device and individual wires in the first set of wires.

39. The power distribution system of Claim 38, wherein the hub further comprises a first area and a second area, wherein the first area is visually distinguishable from the second area, and wherein the first area corresponds to the first set of wires and the second area corresponds to the second set of wires, so as to visually distinguish the first set of wires from the second set of wires.

40. The power distribution system of Claim 39, wherein the first area is distinguishable from the second area because the first and second areas are colored differently.

41. The power distribution system of Claim 39, wherein the first area is distinguishable from the second area because of a distinguishing symbol located on the hub.

42. The power distribution system of Claim 38, further comprising at least one wiring schematic that corresponds with at least one of the first conductive paths, so as to

visually indicate the orientation of the at least one first conductive path.

43. The power distribution system of Claim 38, further comprising at least wiring schematic that corresponds with at least one of the second conductive paths, so as to visually indicate the orientation of the at least one second conductive path.

44. The power distribution system of Claim 38, further comprising a writing surface upon which a user may make markings.